



## Generic Nonresidential Damage Functions

**Status:**

In Progress

**IWR Contact:**

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**Purpose:**

As part of the Flood Damage Data Collection Program, IWR has collected interviews with the proprietors of several hundred flooded businesses. OMB-approved questionnaires were used to determine the depreciated value of affected buildings, the value of inventory and equipment, and to get a detailed breakdown of damages. Regression analysis is being used to determine depth-damage relationships for various categories of nonresidential property, such as general retail, groceries, eating establishments, offices, service stations, and warehouses.

**Objective:**

Ongoing activities include the completion of a damage survey for nonresidential properties in Asheville, North Carolina that were damaged by Tropical Storms Ivan and Jeanne in 2004. Analysis will continue with the large data set. It is believed that the greater range of depths will provide a basis for more categories of damage functions.

**Benefits:****Progress:****Products:****Related Links:****Team:**

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